

# \*RETURN TO FMF - LOCATION 7540

HC  
Pat. Rev.

| QUERY CONTROL FORM                |                        | RTIS USE ONLY              |  |
|-----------------------------------|------------------------|----------------------------|--|
| Application No. <u>09990687</u>   | Prepared by <u>SMA</u> | <del>Tracking Number</del> |  |
| Examiner-GAU <u>lauchman-2877</u> | Date <u>2-23-04</u>    | <del>Week Date</del>       |  |
| No. of queries <u>1</u>           |                        |                            |  |

Attn. Chief Draftsperson

| JACKET               |                        |                    |                        |
|----------------------|------------------------|--------------------|------------------------|
| a. Serial No.        | f. Foreign Priority    | k. Print Claim(s)  | p. PTO-1449            |
| b. Applicant(s)      | g. Disclaimer          | l. Print Fig.      | q. PTOL-85b            |
| c. Continuing Data   | h. Microfiche Appendix | m. Searched Column | r. Abstract            |
| d. PCT               | i. Title               | n. PTO-270/328     | <u>s</u> . Sheets/Figs |
| e. Domestic Priority | j. Claims Allowed      | o. PTO-892         | t. Other               |

| SPECIFICATION          | MESSAGE  |
|------------------------|--|
| a. Page Missing        | <div style="font-size: 1.2em;">15 Sheets / Figs p2</div> <div style="margin-top: 10px;">a). Figs 2 and 3 have incomplete lines</div> <div style="margin-top: 10px;">b). Fig. 1 has illegible data.</div> <div style="margin-top: 20px; text-align: center; font-size: 1.5em;">Please resolve</div> |
| b. Text Continuity     |  |
| c. Holes through Data  |  |
| d. Other Missing Text  |  |
| e. Illegible Text      |  |
| f. Duplicate Text      |  |
| g. Brief Description   |  |
| h. Sequence Listing    |  |
| i. Appendix            |  |
| j. Amendments          |  |
| k. Other               |  |
| CLAIMS                 | RESPONSE   |
| a. Claim(s) Missing    | <div style="font-size: 1.2em;">CORRECTED DWG. FOR FIG. 2, 3</div> <div style="margin-top: 10px;">* 948 FORM FOR FIG. 1, (SEE ATTACHMENT)</div>   |
| b. Improper Dependency |  |
| c. Duplicate Numbers   |  |
| d. Incorrect Numbering |  |
| e. Index Disagrees     |  |
| f. Punctuation         |  |
| g. Amendments          |  |
| h. Bracketing          |  |
| i. Missing Text        |  |
| j. Duplicate Text      |  |
| k. Other               |  |

Thanks  
initials SMA

initials JDC

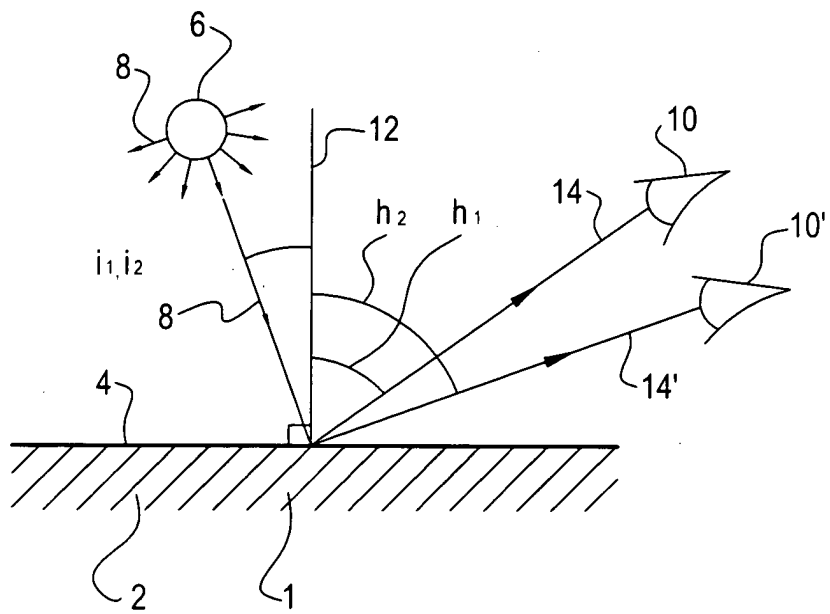


Fig. 2

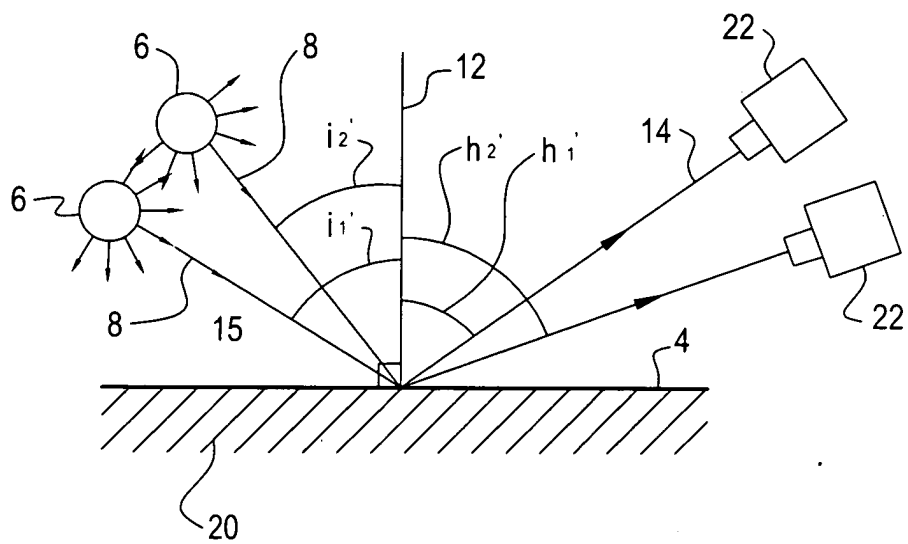


Fig. 3

**NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW**The drawing(s) filed (insert date) 11-9-01 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

**1. DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).

☐ Color drawings are not acceptable until petition is granted. Fig(s) \_\_\_\_\_

☐ Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_

**2. PHOTOGRAPHS.** 37 CFR 1.84(b)

☐ One (1) full-tone set is required. Fig(s) \_\_\_\_\_

☐ Photographs may not be mounted. 37 CFR 1.84(e)

☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) \_\_\_\_\_

☐ Poor quality (half-tone). Fig(s) \_\_\_\_\_

**3. TYPE OF PAPER.** 37 CFR 1.84(e)

☐ Paper not flexible, strong, white, and durable.

Fig(s) \_\_\_\_\_

☐ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted.

Fig(s) \_\_\_\_\_

**4. SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:

☐ 21.0 cm by 29.7 cm (DIN size A4) or

☐ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)

☐ All drawing sheets not the same size.

Sheet(s) \_\_\_\_\_

☐ Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_

**5. MARGINS.** 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

☐ Margins not acceptable. Fig(s) \_\_\_\_\_

☐ Top (T) ☐ Left (L)

☐ Right (R) ☐ Bottom (B)

**6. VIEWS.** 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

☐ Views not labeled separately or properly.

Fig(s) \_\_\_\_\_

**7. SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)

☐ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_

**8. ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)

☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_

**9. SCALE.** 37 CFR 1.84(k)

☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.

Fig(s) \_\_\_\_\_

**10. CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)

☐ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) \_\_\_\_\_

**11. SHADING.** 37 CFR 1.84(m)

☐ Solid black areas pale. Fig(s) \_\_\_\_\_

☐ Solid black shading not permitted. Fig(s) \_\_\_\_\_

**12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)

☒ Numbers and reference characters not plain and legible. Fig(s) 1

☐ Figure legends are poor. Fig(s) \_\_\_\_\_

☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) \_\_\_\_\_

☐ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) \_\_\_\_\_

☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) \_\_\_\_\_

**13. LEAD LINES.** 37 CFR 1.84(q)

☐ Lead lines missing. Fig(s) \_\_\_\_\_

**14. NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) \_\_\_\_\_

**15. NUMBERING OF VIEWS.** 37 CFR 1.84(u)

☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_

**16. DESIGN DRAWINGS.** 37 CFR 1.152

☐ Surface shading shown not appropriate.

Fig(s) \_\_\_\_\_

☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) \_\_\_\_\_

**COMMENTS:**

Reviewer J. CHASE

If you have questions, call (703) 305-8404.

Date 3-1-04

Attachment to Paper No. \_\_\_\_\_